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Correlation: rule-based system for, (Tech. Paper SPE 15295) SPEFE Sept. 87, 311-319
Determination of lithology from: statistical analysis used, (Tech. Paper SPE 14301) SPEFE Dec. 87, 412-418
New correlation for cementation factor: low-porosity carbonates, (Tech. Paper SPE 14401) SPEFE Dec. 87, 495-499
Thermal multigate decay: reservoir monitoring with, (Tech. Paper SPE 14137) SPEFE Dec. 87, 401-411
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Computerized: of thermal recovery data, (Tech. Paper SPE 12745) SPEFE Dec. 87, 560-566
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Of data dominated by storage and skin: non-Newtonian power-law fluids, (Tech. Paper SPE 14454) SPEFE Dec. 87, 618-628
Of naturally fractured reservoirs, (Tech. Paper SPE 13663) SPEFE Sept. 87, 239-252
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Constant pressure analysis techniques using type curves, (Tech. Paper SPE 13169) SPEFE Dec. 87, 637-656
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Pleasants, Wood, and Ritchie counties: geology of Devonian shale oil and gas in, (Tech. Paper SPE 12834) SPEFE Dec. 87, 419-427
Wettability
Restoration: in restored-state core analysis; Hutton reservoir, United Kingdom, (Tech. Paper SPE 14298) SPEFE Dec. 87, 509-517

Wireline
Measurements: combined with lithofacies data base produces automatic determination of lithology from well logs, (Tech. Paper SPE 13290) SPEFE Sept. 87, 303-310

Wyoming
Big Muddy field: geologic problems related to characterization of clastic reservoirs for EOR, (Tech. Paper SPE 14888) SPEFE Dec. 87, 449-460